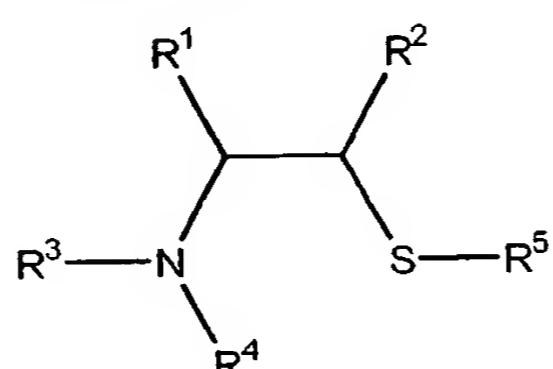


**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): An aminothiol compounds, having a general formula I,



wherein R<sup>1</sup>-R<sup>5</sup> are substitutable ligands; and  
R<sup>1</sup> is aryl or alkyl of C2-C9;  
R<sup>2</sup> is aryl or alkyl of C1-C9;  
R<sup>3</sup> is alkyl of C1-C9;  
R<sup>4</sup> is alkyl of C1-C9; or  
R<sup>3</sup>, R<sup>4</sup> and N form a cycle; and  
R<sup>5</sup> is H or alkyl of C1-C6.

Claims 2-12 (canceled)

Claim 13 (currently amended) The aminothiol compounds ~~and acylated derivatives thereof~~ as claimed in claim 12, wherein R<sup>3</sup>, R<sup>4</sup> and N form a three-to-eight- membered heterocycle.

Claim 14 (currently amended) The aminothiol compounds ~~and acylated derivatives thereof~~ as claimed in claim 12, wherein R<sup>3</sup>, R<sup>4</sup>, O and N form a ring by means of morpholine.

Claim 15 (currently amended) The aminothiol compounds ~~and acylated derivatives thereof~~ as claimed in claim 1, wherein R<sup>3</sup>, R<sup>4</sup>, O and N form a ring by means of morpholine.

Claim 16 (currently amended) The aminothiol compounds ~~and acylated~~

~~derivatives thereof~~ as claimed in claim 1, which are chiral ligands capable of reacting with organic metal compounds to form metal complexes and then react as alkylmetal with carbonyl compounds to produce alkylmetal chiral alcohols in asymmetric addition reactions.

- Claim 17 (currently amended) The aminothiol compounds ~~and acylated derivatives thereof~~ as claimed in claim 16, wherein said carbonyl compound is aldehyde.
- Claim 18 (currently amended) The aminothiol compounds ~~and acylated derivatives thereof~~ as claimed in claim 16, wherein said carbonyl compound is ketone.
- Claim 19 (currently amended) The aminothiol compounds ~~and acylated derivatives thereof~~ as claimed in claim 16, wherein said organic metal is Zn, Cu, or Ti.